



**South Dakota
Public
Broadcasting**

Telecommunications Center
Cherry & Dakota Streets
P.O. Box 5000
Vermillion, South Dakota 57069-5000
(605) 677-5861

March 4, 1992

Kermit Geary
1266 Riverview Drive
Walnutport, PA 18088

Dear Kermit,

Thank you for your reply to our AM transmitter test. I am happy to verify that you received our signal February 17, 1992, on 690 KHz. We enjoyed the opportunity to help you with your hobby. Let me give you a few details about our network.

Our AM transmitter site is located just north of the city limits of Vermillion, SD in Clay county at coordinates 42/47/53 and 96/55/39. The tower configuration consists of two, 285 foot towers which were constructed in 1951. Each tower face is 1.5 feet and the towers were constructed by Tower Construction Company. Our directional pattern predominantly transmits major lobes in an east-west direction.

The transmitter is a Gates Vanguard II that operates at 1 KW daytime and 20.6 W nighttime. We are the oldest radio station in South Dakota, having been on the air since May 20, 1922 at various frequencies and locations around Vermillion.

South Dakota Public Broadcasting is a statewide television and radio network made up of 8 TV transmitters with 10 translators, 9 FM transmitters with 7 additional translators, and one AM transmitter. We also maintain and operate approximately 1800 miles of terrestrial microwave which interconnects our transmitter sites.

Good luck with future contacts.

73's

Wayne R. Nelson, KD0PC
Director of Engineering

Mike Johnson
Senior Studio Engineer